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**From:** Korajkic, Asja [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B76EED117B654BC9974BECCB8D7223F2-KORAJKIC, ASJA]  
**Sent:** 9/23/2016 8:20:33 PM  
**To:** Thomas, Kent [thomas.kent@epa.gov]; McMinn, Brian [McMinn.Brian@epa.gov]; Guiseppi-Elie, Annette [Guiseppi-Elie.Annette@epa.gov]  
**CC:** Oshima, Kevin [Oshima.Kevin@epa.gov]; Behymer, Thomas [Behymer.Thomas@epa.gov]  
**Subject:** Re: TCRS - recycling plant sampling planning discussion

OK, sounds good, there was a similar outbound flight for us as well.

We'll wait until we get the confirmation from you.

Thanks!

Asja and Brian

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**From:** Thomas, Kent  
**Sent:** Friday, September 23, 2016 3:22:13 PM  
**To:** Korajkic, Asja; McMinn, Brian; Guiseppi-Elie, Annette  
**Cc:** Oshima, Kevin; Behymer, Thomas  
**Subject:** RE: TCRS - recycling plant sampling planning discussion

Yes, I think later in the day would be better. I am aiming towards a 5:30 pm flight out on Oct. 6.



But, if you can wait a bit before making a change, I would like to hear back that the field owners are OK with our proposed schedule. If they can't do the morning of October 6 we will need to make other changes.

Kent

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**From:** Korajkic, Asja  
**Sent:** Friday, September 23, 2016 3:09 PM  
**To:** Thomas, Kent <thomas.kent@epa.gov>; McMinn, Brian <McMinn.Brian@epa.gov>; Guiseppi-Elie, Annette <Guiseppi-Elie.Annette@epa.gov>  
**Cc:** Oshima, Kevin <Oshima.Kevin@epa.gov>; Behymer, Thomas <Behymer.Thomas@epa.gov>  
**Subject:** Re: TCRS - recycling plant sampling planning discussion

Hi Kent,

I had a quick question regarding 10/6  sampling event. We have an outbound flight leaving  at 10:05 on the 6th. Do you think that'll give us a sufficient window to complete the sampling? If not, we'll find flights later in the day.

Thanks!

Asja and Brian

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**From:** Thomas, Kent  
**Sent:** Friday, September 23, 2016 1:29:38 PM  
**To:** McMinn, Brian; Guiseppi-Elie, Annette; Korajkic, Asja

**Cc:** Oshima, Kevin; Behymer, Thomas

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Thanks, Brian and Asja. We will propose these days and see if we can get agreements.

I will put in a travel request.

Kent

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**From:** McMinn, Brian

**Sent:** Friday, September 23, 2016 1:28 PM

**To:** Thomas, Kent <[thomas.kent@epa.gov](mailto:thomas.kent@epa.gov)>; Guiseppi-Elie, Annette <[Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov)>; Korajkic, Asja <[Korajkic.Asja@epa.gov](mailto:Korajkic.Asja@epa.gov)>

**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>

**Subject:** Re: TCRS - recycling plant sampling planning discussion

Kent,

Oct. 5th and 6th should work with our schedules. Please keep us informed if these dates change.

Thanks,  
Brian and Asja

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**From:** Thomas, Kent

**Sent:** Friday, September 23, 2016 1:03:59 PM

**To:** McMinn, Brian; Guiseppi-Elie, Annette; Korajkic, Asja

**Cc:** Oshima, Kevin; Behymer, Thomas

**Subject:** RE: TCRS - recycling plant sampling planning discussion

If you haven't selected preferred dates for  let me propose:

Wednesday Oct. 5 - collect recycling plant samples, time TBD (Brian and Asja)

Thursday Oct. 6 - collect synthetic field samples as early in the morning as we can get in (Kent, Brian, and Asja).

This will allow us to ship the recycling plant sampling kits on Monday for Tuesday delivery to the plant. FYI - this plant owner is requiring collection of two sets of samples, one for us to analyze and one for us to hold in case they want another lab to analyze them in the future.

Of course, we will need to get signed agreement in place with the recycling plant owners and scheduling agreement from the plant and field owners/managers.

Kent

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**From:** McMinn, Brian

**Sent:** Friday, September 23, 2016 12:32 PM

**To:** Thomas, Kent <[thomas.kent@epa.gov](mailto:thomas.kent@epa.gov)>; Guiseppi-Elie, Annette <[Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov)>; Korajkic, Asja <[Korajkic.Asja@epa.gov](mailto:Korajkic.Asja@epa.gov)>

**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>

**Subject:** Re: TCRS - recycling plant sampling planning discussion

All,

A quick update. We have booked our flights to [Ex. 6 Personal Privacy (PP)] for Wed. the 28th of September. We have contacted [Ex. 6 Personal Privacy (PP)] to relay our flight information to him; there seems to be ample time to collect and ship the samples without issue.

Kent, it should not be an issue to collect early morning samples of the fields, we'll plan on sampling [ ] over a two day visit. As soon as solid dates are chosen, we'll be in touch to organize the sampling schedules.

Thanks,  
Brian and Asja

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**From:** Thomas, Kent  
**Sent:** Friday, September 23, 2016 12:03:27 PM  
**To:** Guiseppi-Elie, Annette; Korajkic, Asja; McMinn, Brian  
**Cc:** Oshima, Kevin; Behymer, Thomas  
**Subject:** RE: TCRS - recycling plant sampling planning discussion

Hi Asja and Brian:

If the synthetic field owners agree to this, we prefer to collect samples at fields in the early morning (both to avoid field user conflicts and allow time to get the shipment out). This might suggest trying to schedule the [ ] synthetic field the day following the recycling plant sampling? Potentially, we could do both on the same day, but the organization's schedules might not let that occur.

Kent

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**From:** Guiseppi-Elie, Annette  
**Sent:** Friday, September 23, 2016 11:33 AM  
**To:** Thomas, Kent <[thomas.kent@epa.gov](mailto:thomas.kent@epa.gov)>; Korajkic, Asja <[Korajkic.Asja@epa.gov](mailto:Korajkic.Asja@epa.gov)>; McMinn, Brian <[McMinn.Brian@epa.gov](mailto:McMinn.Brian@epa.gov)>  
**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>  
**Subject:** RE: TCRS - recycling plant sampling planning discussion

Asja and Brian,

Below is the proposed schedule for EPA sampling of fields and manufacturing plants:

**Sampling by EPA (some of the selections for EPA were made because they potentially are within driving distance from [Ex. 5 Deliberative Process (DP)])**

Sept. 27	<b>Ex. 6 Personal Privacy (PP)</b>
Sept 28	
Week of October 3	
Week of October 3	
TBD (Week of Oct 10)	
TBD (Week of Oct 10)	
TBD	

Can you confirm with Kent via email (phones in RTP are not working) which 2 days (except Friday) in the week of Oct 3 would work best?

Also, per my discussion with Asja please then commit travel funds for [ ] and other trips [Ex. 6 Personal Privacy (PP)]

Let me know you need help. Thanks.

Best, Annette (mobile) [Ex. 6 Personal Privacy (PP)]

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**From:** Thomas, Kent

**Sent:** Friday, September 23, 2016 8:02 AM

**To:** Korajkic, Asja <Korajkic.Asja@epa.gov>; Guiseppi-Elie, Annette <Guiseppi-Elie.Annette@epa.gov>; McMinn, Brian <McMinn.Brian@epa.gov>

**Cc:** Oshima, Kevin <Oshima.Kevin@epa.gov>; Behymer, Thomas <Behymer.Thomas@epa.gov>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Thanks, Asja and Brian. Nice job. We'll be looking for the samples here in RTP this morning.

I will work to get the sampling kit for [ ] shipped out Monday for arrival Tuesday at the plant, with [Ex. 6 Personal Privacy (PP)] as the POC. FYI, I will be on travel for field sampling out west next Monday, Tuesday, and Wednesday. Karen Oliver here in RTP will be handling the sampling kit shipment.

Kent

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**From:** Korajkic, Asja

**Sent:** Friday, September 23, 2016 6:54 AM

**To:** Thomas, Kent <thomas.kent@epa.gov>; Guiseppi-Elie, Annette <Guiseppi-Elie.Annette@epa.gov>; McMinn, Brian <McMinn.Brian@epa.gov>

**Cc:** Oshima, Kevin <Oshima.Kevin@epa.gov>; Behymer, Thomas <Behymer.Thomas@epa.gov>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Thank you Annette and Kent!

We have completed sampling at [Ex. 6 Personal Privacy (PP)] plant yesterday as planned. Samples should be arriving today.

I'll make traveling arrangements for [ ] and contact [Ex. 6 Personal Privacy (PP)] before we arrive to confirm.

Asja

Asja Korajkic, Ph.D.  
Microbiologist  
U.S. Environmental Protection Agency  
Office of Research and Development  
National Exposure Research Laboratory  
26 W. Martin Luther King Dr.  
Cincinnati, Ohio 45268

[Ex. 6 Personal Privacy (PP)]

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**From:** Thomas, Kent

**Sent:** Thursday, September 22, 2016 3:18 PM

**To:** Guiseppi-Elie, Annette <Guiseppi-Elie.Annette@epa.gov>; Korajkic, Asja <Korajkic.Asja@epa.gov>; McMinn, Brian <McMinn.Brian@epa.gov>

**Cc:** Oshima, Kevin <Oshima.Kevin@epa.gov>; Behymer, Thomas <Behymer.Thomas@epa.gov>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Thank you Annette.

We have a sampling kit prepared and we will plan on having it shipped directly to [Ex. 6 Personal Privacy (PP)] at the address provided below. We will ship the box on Monday Sept. 26 for arrival at the plant on Tuesday Sept. 27. From your email I understand that he will be expecting the package.

Best wishes,  
Kent

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**From:** Guiseppi-Elie, Annette

**Sent:** Thursday, September 22, 2016 2:55 PM

**To:** Korajkic, Asja <Korajkic.Asja@epa.gov>; Thomas, Kent <thomas.kent@epa.gov>; McMinn, Brian <McMinn.Brian@epa.gov>

**Cc:** Oshima, Kevin <Oshima.Kevin@epa.gov>; Behymer, Thomas <Behymer.Thomas@epa.gov>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Dear Asja and Brian,

Your visit to the [Ex. 6 Personal Privacy (PP)] plant is confirmed for Wednesday September 28, 2016.

**Ex. 6 Personal Privacy (PP)**

Feel free (and I suggest that you do) to make contact with [Ex. 6 Personal Privacy (PP)] ahead of time as a courtesy and if you have any logistical questions.

Kent [Ex. 6 Personal Privacy (PP)] is expecting to have the material shipped ahead of time.

Thanks everyone.

Best Regards, Annette.

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Annette Guiseppi-Elie, Ph.D., FAIMBE  
Associate Director for Exposure Science  
NERL USEPA/ORD  
Telephone: 919.541.4986  
Mobile: [Ex. 6 Personal Privacy (PP)]  
Email: [guiseppi-elie.annette@epa.gov](mailto:guiseppi-elie.annette@epa.gov)

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**From:** Korajkic, Asja

**Sent:** Tuesday, September 20, 2016 11:13 AM

**To:** Thomas, Kent <[thomas.kent@epa.gov](mailto:thomas.kent@epa.gov)>; McMinn, Brian <[McMinn.Brian@epa.gov](mailto:McMinn.Brian@epa.gov)>; Guiseppi-Elie, Annette <[Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov)>

**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Hi Kent,

We have no problem with helping out in [REDACTED] we can discuss further and coordinate once we have the written agreement in place.

We received the sampling kit and everything is pretty straight forward. We had one question regarding the "Sampling Collection Form", in particular "Production Process Type". Is this something our point of contact can help answer?

Thanks!

Asja and Brian

Asja Korajkic, Ph.D.  
Microbiologist  
U.S. Environmental Protection Agency  
Office of Research and Development  
National Exposure Research Laboratory  
26 W. Martin Luther King Dr.  
Cincinnati, Ohio 45268

Ex. 6 Personal Privacy (PP)

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**From:** Thomas, Kent

**Sent:** Tuesday, September 20, 2016 10:56 AM

**To:** Korajkic, Asja <[Korajkic.Asja@epa.gov](mailto:Korajkic.Asja@epa.gov)>; McMinn, Brian <[McMinn.Brian@epa.gov](mailto:McMinn.Brian@epa.gov)>; Guiseppi-Elie, Annette <[Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov)>

**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Asja and Brian:

Thanks very much. This is all positive information. Annette will be contacting the [REDACTED] recycling plant to discuss scheduling and getting POC information.

Just a thought for the [REDACTED] Ex. 6 Personal Privacy (PP) assuming we get the written agreement. We also have a signed agreement with an indoor synthetic turf field in [REDACTED] Annette and I discussed the possibility of me going there and getting your help to collect samples at the field while there. Further discussion will be needed between us, and with ATSDR, to see if we want to try to do that.

Kent

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**From:** Korajkic, Asja

**Sent:** Tuesday, September 20, 2016 8:41 AM

**To:** Thomas, Kent <[thomas.kent@epa.gov](mailto:thomas.kent@epa.gov)>; McMinn, Brian <[McMinn.Brian@epa.gov](mailto:McMinn.Brian@epa.gov)>; Guiseppi-Elie, Annette <[Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov)>

**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Hi Kent,

Thanks for the additional information and summary!

1. We have the contact info and are ready to go as planned this Thursday. We will identify the UPS location. We're waiting for the sampling kit and will let you know if we have any questions.
2. Proposed sampling date for [Ex. 6 Personal Privacy (PP)] plant: Wed. 28<sup>th</sup> likely between noon and 2 pm. If that works for the plant, please let us know and we'll make travel arrangements.
3. We have just completed our Field HASP and it has been approved and signed.
4. We're waiting for the written agreements. Likely sampling dates would be between 10/3 and 10/6.

Asja and Brian

Asja Korajkic, Ph.D.  
Microbiologist  
U.S. Environmental Protection Agency  
Office of Research and Development  
National Exposure Research Laboratory  
26 W. Martin Luther King Dr.  
Cincinnati, Ohio 45268

[Ex. 6 Personal Privacy (PP)]

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**From:** Thomas, Kent

**Sent:** Monday, September 19, 2016 10:48 AM

**To:** Korajkic, Asja <[Korajkic.Asja@epa.gov](mailto:Korajkic.Asja@epa.gov)>; McMinn, Brian <[McMinn.Brian@epa.gov](mailto:McMinn.Brian@epa.gov)>; Guiseppi-Elie, Annette <[Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov)>

**Cc:** Oshima, Kevin <[Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)>; Behymer, Thomas <[Behymer.Thomas@epa.gov](mailto:Behymer.Thomas@epa.gov)>

**Subject:** RE: TCRS - recycling plant sampling planning discussion

Asja, Brian, and Kevin:

Thanks for the good discussion this morning and working towards scheduling recycling plant sampling visits.

1. We are trying to arrange a sampling visit for this Thursday (9/22) at the [Ex. 6 Personal Privacy (PP)]. I contacted ATSDR this morning to see if we can get that scheduled for 1:00 pm on Thursday. I will try to get the sampling kit shipped to you in Cincinnati today for arrival tomorrow. I will get the POC and an address for the location from ATSDR and send that to you. [Ex. 6 Personal Privacy (PP)]

[Ex. 6 Personal Privacy (PP)]

## Ex. 6 Personal Privacy (PP)

We will need to identify a UPS Store for shipping. Note that shipping deadlines for overnight air usually occur earlier in the day than store closing hours.

2. Asja and Brian will propose a sampling date, likely next week, for the Ex. 6 Personal Privacy (PP). The address is below. We will then confirm the date with the plant and get a POC for the plant. We will plan on shipping the sampling kit to the plant so it is ready for your use.

## Ex. 6 Personal Privacy (PP)

3. I am attaching the field safety protocol that was approved by the RTP SHEM office for collecting samples at synthetic turf fields. You will check with Steve on whether this is sufficient, or whether something else is needed. I am also attaching the sample collection SOP I sent previously.

<< File: hb2\_long\_form Thomas Synthetic Field 08-08-2016 DRAFT-Revised DW-AG-E-CS....pdf >> << File: SOP D-EMMD-PHCB-038-SOP-01 Recycling Plant Approved.pdf >>

4. Asja and Brian will propose sample collection dates for the Ex. 6 Personal Privacy (PP) - addresses below. We have verbal agreement but have not received written agreement yet. ATSDR said they are likely to return the written agreement within the next couple of days. Ex. 6 Personal Privacy (PP)

## Ex. 6 Personal Privacy (PP)

5. A reminder that our signed agreement with the plants says that we will not publicly release their names/identities. Plant names and locations should not be mentioned to anyone not directly working on this at EPA, and to no one outside of EPA.
6. FYI: Here is the EPA web site with links to the Federal Research Action Plan and the Research Protocol.

<https://www.epa.gov/chemical-research/federal-research-recycled-tire-crumb-used-playing-fields>

Thanks everyone,  
Kent

-----Original Appointment-----

**From:** Thomas, Kent

**Sent:** Wednesday, September 14, 2016 10:44 AM

**To:** Thomas, Kent; Korajkic, Asja ([Korajkic.Asja@epa.gov](mailto:Korajkic.Asja@epa.gov)); McMinn, Brian ([McMinn.Brian@epa.gov](mailto:McMinn.Brian@epa.gov)); Guiseppi-Elie, Annette ([Guiseppi-Elie.Annette@epa.gov](mailto:Guiseppi-Elie.Annette@epa.gov))

**Cc:** Oshima, Kevin ([Oshima.Kevin@epa.gov](mailto:Oshima.Kevin@epa.gov)); Thomas Behymer; Timothy Buckley

**Subject:** TCRS - recycling plant sampling planning discussion

**When:** Monday, September 19, 2016 9:00 AM-10:00 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:** Ex. 6 Personal Privacy (PP)

Hi everyone:

I am trying to schedule a call to discuss TCRS recycling plant sampling. I know Friday may not be the best day to do this. Let me know if it needs to be changed.

Thanks,  
Kent Thomas